

AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

ABSTRACT

The invention refers to a method of transmitting Ethernet data frames are transmitted from a first local area network (LAN) to a second local area network (LAN) ~~comprising~~ by mapping Ethernet frames from the first local area network onto Plesiochronous Digital Hierarchy format via Generic Framing Procedure (GFP) and transmitting the mapped Ethernet frames via a one or multiple En streams to an ~~optional~~ SDH-level network. The transmission is received at the second local area network through the ~~optional~~ SDH-level network via one or multiple En streams-network, and the Ethernet frames are demapped from the first local area network via Generic Framing Procedure, and transmitted into the second local area network.

(Fig 1)